

IN THE CLAIMS

This listing of the claims will replace all prior versions and listings of claim in the present application.

Listing of Claims

1. (Currently Amended) An apparatus for sending and receiving digital image data from a computer network, wherein said digital image data ~~carries~~ associates an electronic destination address and is transmitted over said computer network in accordance with standard network transmission protocols, said apparatus comprising:

a network interface ~~means~~ device for coupling said apparatus to said computer network;

a apparatus address ~~means~~ device for storing an electronic apparatus address for said apparatus; and

a signal recognition ~~means~~ device for determining receive status information;
an address receiver ~~means~~ device coupled to said network interface ~~means~~ device for receiving said electronic destination address;

~~an address comparison means coupled to said apparatus address means and to said address receiver means for comparing said electronic destination address to said apparatus address and providing a match signal when said two addresses are the same;~~

~~a digital image data receiver means coupled to said network interface means, said address comparison means and to said signal recognition means for receiving said digital image data when said match signal is provided.~~

2. (Currently Amended) An apparatus according to claim 1 further including an encryption ~~means~~ device connected to said conversion ~~means~~ device and said electronic mail agent for selectively encoding/decoding said converted electronic mail data.
3. (Currently Amended) An apparatus according to claim 1 further including a public/private key encryption ~~means~~ device connected to said conversion ~~means~~ device and said electronic mail agent for selectively encoding/decoding said converted electronic mail ~~date~~ data.
4. (Currently Amended) An apparatus according to claim 1 further including a public/private key encryption ~~means~~ device which specifically utilizes the Rijndael encryption/decryption algorithms connected to said conversion ~~means~~ device and said electronic mail agent for selectively encoding/decoding said converted electronic mail data.
5. (Currently Amended) An apparatus according to claim 1 further including a public/private key encryption ~~means~~ device which specifically utilizes and said electronic mail agent for selectively encoding/decoding said converted electronic mail data.
6. (Currently Amended) An apparatus according to claim 1 further including a secret key encryption ~~means~~ device which specifically utilizes encryption/decryption algorithms derived from Vernam ciphers connected to said conversion ~~means~~ device and said electronic mail agent for selectively encoding/decoding said converted electronic mail data.
7. (Currently Amended) An apparatus according to claim 2 further including a public/private two key encryption/decryption ~~means~~ device together with means device for accessing and retrieving a public key from a private address book.

8. (Original) An apparatus according to claim 1 wherein said electronic mail agent is a commercial mail agent and said mail server resident on the internet global area networks is a commercial server for said agent.
9. (Original) An apparatus according to claim 1 wherein said electronic mail agent is a public mail agent and said mail server resident on the internet global area network is a public server.
10. (Original) An apparatus according to claim 1 wherein said output connect the apparatus via said mail server resident on the means device includes store/dial/connect circuitry to operatively internet global area network to a remote mail agent connected via a remote mail server to said Internet global area network.
11. (Currently Amended) An apparatus according to claim 10 wherein said electronic management means device includes a keypad input ~~means~~ device having at least send/receive functions; fax and e-mail address functions; and mail server, private address book, and fax machine query functions for commanding operation of said apparatus.
12. (Currently Amended) An apparatus according to claim 11 further including an RJ 11 input terminal connected to said signal recognition ~~means~~ device for operatively connecting said apparatus to a class 1, 2, or 3 facsimile machine standard output terminal.
13. (Currently Amended) An apparatus according to claim 12 further including an RJ 11 output terminal connected to said output ~~means~~ device for operatively connecting said apparatus via a POTS line to said mail server resident on the internet global area networks.

14. (Original) An apparatus according to claim 13 wherein said apparatus is powered by a separate DC voltage power supply operatively connected thereto and adapted to be connected to a standard commercial AC power source.
15. (Currently Amended) An apparatus according to claim 1 wherein said conversion ~~means~~ device for attaching/detaching native facsimile images to the electronic mail format data created by said conversion ~~means~~ device for transmission/reception over the internet global area networks.
16. (Original) An apparatus according to claim 15 wherein said electronic means device includes e-mail extender MIME protocol.
17. (Currently Amended) An apparatus according to claim 15 wherein said electronic ~~means~~ device includes direct e-mail IP addressing.
18. (Original) An apparatus according to claim 17 wherein said direct e-mail IP addressing is a standard unique IP address on the internet global area networks.
19. (Original) An apparatus according to claim 17 wherein said direct e-mail IP addressing is a pseudo IP address on the internet global area networks.
20. (Original) An apparatus according to claim 1 wherein said unique apparatus address is derived from the information embedded in the hardware of the apparatus.
21. (Original) An apparatus according to claim 1 wherein said unique apparatus address is derived from the information obtained from a global positioning satellite network connected to the hardware of the apparatus.
22. (Original) An apparatus according to claim 1 wherein said unique apparatus address is derived from the information obtained from biometric input connected to the hardware of the apparatus.

23. (Original) An apparatus according to claim 1 wherein said unique apparatus address is derived from the information obtained from behavioral input patterns connected to the hardware of the apparatus.
24. (Newly Added) An apparatus according to claim 1 further including an address comparison device coupled to said apparatus address device and to said address receiver device for comparing said electronic destination address to said apparatus address and providing a match signal when said two addresses are the same.
25. (Newly Added) An apparatus according to claim 24 further including a digital image data receiver coupled to said network interface device, said address comparison device and to said signal recognition device for receiving said digital image data when said match signal is provided.